

# Walter P Abhayaratna

## List of Publications by Year in descending order

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Version: 2024-02-01

100  
papers

12,772  
citations

87888

38  
h-index

38395

95  
g-index

104  
all docs

104  
docs citations

104  
times ranked

13109  
citing authors

#	ARTICLE	IF	CITATIONS
1	Secular Trends in Incidence of Atrial Fibrillation in Olmsted County, Minnesota, 1980 to 2000, and Implications on the Projections for Future Prevalence. <i>Circulation</i> , 2006, 114, 119-125.	1.6	2,292
2	Left Atrial Size. <i>Journal of the American College of Cardiology</i> , 2006, 47, 2357-2363.	2.8	946
3	Effect of Aspirin on Cardiovascular Events and Bleeding in the Healthy Elderly. <i>New England Journal of Medicine</i> , 2018, 379, 1509-1518.	27.0	770
4	Long-Term Effect of Goal-Directed Weight Management in an Atrial Fibrillation Cohort. <i>Journal of the American College of Cardiology</i> , 2015, 65, 2159-2169.	2.8	738
5	Aggressive Risk Factor Reduction Study for Atrial Fibrillation and Implications for the Outcome of Ablation. <i>Journal of the American College of Cardiology</i> , 2014, 64, 2222-2231.	2.8	737
6	Prediction of Cardiovascular Outcomes With Left Atrial Size. <i>Journal of the American College of Cardiology</i> , 2006, 47, 1018-1023.	2.8	677
7	Effect of Aspirin on All-Cause Mortality in the Healthy Elderly. <i>New England Journal of Medicine</i> , 2018, 379, 1519-1528.	27.0	591
8	Effect of Weight Reduction and Cardiometabolic Risk Factor Management on Symptom Burden and Severity in Patients With Atrial Fibrillation. <i>JAMA - Journal of the American Medical Association</i> , 2013, 310, 2050.	7.4	587
9	Impact of CARDIOrespiratory FITness on Arrhythmia Recurrence in Obese Individuals With Atrial Fibrillation. <i>Journal of the American College of Cardiology</i> , 2015, 66, 985-996.	2.8	420
10	Effect of Aspirin on Disability-free Survival in the Healthy Elderly. <i>New England Journal of Medicine</i> , 2018, 379, 1499-1508.	27.0	392
11	Pericardial Fat Is Associated With Atrial Fibrillation Severity and Ablation Outcome. <i>Journal of the American College of Cardiology</i> , 2011, 57, 1745-1751.	2.8	371
12	Obesity results in progressive atrial structural and electrical remodeling: Implications for atrial fibrillation. <i>Heart Rhythm</i> , 2013, 10, 90-100.	0.7	314
13	National Heart Foundation of Australia and Cardiac Society of Australia and New Zealand: Guidelines for the Prevention, Detection, and Management of Heart Failure in Australia 2018. <i>Heart Lung and Circulation</i> , 2018, 27, 1123-1208.	0.4	262
14	PREVENTion and regressive Effect of weight-loss and risk factor modification on Atrial Fibrillation: the REVERSE-AF study. <i>Europace</i> , 2018, 20, 1929-1935.	1.7	246
15	Left Atrial Reverse Remodeling. <i>JACC: Cardiovascular Imaging</i> , 2017, 10, 65-77.	5.3	240
16	Left Atrial Reservoir Function as a Potent Marker for First Atrial Fibrillation or Flutter in Persons ≥ 65 Years of Age. <i>American Journal of Cardiology</i> , 2008, 101, 1626-1629.	1.6	213
17	Influence of Adiposity and Physical Activity on Arterial Stiffness in Healthy Children. <i>Hypertension</i> , 2009, 53, 611-616.	2.7	194
18	Incidence and mortality risk of congestive heart failure in atrial fibrillation patients: a community-based study over two decades. <i>European Heart Journal</i> , 2006, 27, 936-941.	2.2	161

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19	Baseline Characteristics of Participants in the ASPREE (ASpirin in Reducing Events in the Elderly) Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017, 72, 1586-1593.	3.6	143
20	Randomized Trial of Guiding Hypertension Management Using Central Aortic Blood Pressure Compared With Best-Practice Care. <i>Hypertension</i> , 2013, 62, 1138-1145.	2.7	132
21	Disparate Patterns of Left Ventricular Mechanics Differentiate Constrictive Pericarditis From Restrictive Cardiomyopathy. <i>JACC: Cardiovascular Imaging</i> , 2008, 1, 29-38.	5.3	128
22	Relation of Arterial Stiffness to Left Ventricular Diastolic Function and Cardiovascular Risk Prediction in Patients ≥65 Years of Age. <i>American Journal of Cardiology</i> , 2006, 98, 1387-1392.	1.6	123
23	Risk of dementia in stroke-free patients diagnosed with atrial fibrillation: data from a community-based cohort. <i>European Heart Journal</i> , 2007, 28, 1962-1967.	2.2	117
24	Standard versus atrial fibrillation-specific management strategy (SAFETY) to reduce recurrent admission and prolong survival: pragmatic, multicentre, randomised controlled trial. <i>Lancet</i> , The, 2015, 385, 775-784.	13.7	117
25	Effect of population selection on 99th percentile values for a high sensitivity cardiac troponin I and T assays. <i>Clinical Biochemistry</i> , 2013, 46, 1636-1643.	1.9	100
26	Prevalence of heart failure and systolic ventricular dysfunction in older Australians: the Canberra Heart Study. <i>Medical Journal of Australia</i> , 2006, 184, 151-154.	1.7	93
27	Coronary artery disease affecting the atrial branches is an independent determinant of atrial fibrillation after myocardial infarction. <i>Heart Rhythm</i> , 2011, 8, 955-960.	0.7	88
28	Effects of Quinapril on Left Atrial Structural Remodeling and Arterial Stiffness. <i>American Journal of Cardiology</i> , 2006, 97, 916-920.	1.6	81
29	Aortic stiffness for the detection of preclinical left ventricular diastolic dysfunction: pulse wave velocity versus pulse pressure. <i>Journal of Hypertension</i> , 2008, 26, 758-764.	0.5	80
30	Arterial stiffness: Methods of measurement, physiologic determinants and prediction of cardiovascular outcomes. <i>International Journal of Cardiology</i> , 2010, 138, 112-118.	1.7	79
31	Relations Between Dairy Food Intake and Arterial Stiffness. <i>Hypertension</i> , 2012, 59, 1044-1051.	2.7	74
32	Myocardial Infarction and Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2013, 6, 738-745.	4.8	70
33	Cost-Effectiveness and Clinical Effectiveness of the Risk Factor Management Clinic in Atrial Fibrillation. <i>JACC: Clinical Electrophysiology</i> , 2017, 3, 436-447.	3.2	64
34	Independent Echocardiographic Markers of Cardiovascular Involvement in Chronic Kidney Disease: The Value of Left Atrial Function and Volume. <i>Journal of the American Society of Echocardiography</i> , 2016, 29, 359-367.	2.8	56
35	Population-based detection of systolic and diastolic dysfunction with amino-terminal pro-B-type natriuretic peptide. <i>American Heart Journal</i> , 2006, 152, 941-948.	2.7	54
36	A systematic approach to chronic heart failure care: a consensus statement. <i>Medical Journal of Australia</i> , 2014, 201, 146-150.	1.7	50

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37	Aortic Stiffness in Lone Atrial Fibrillation: A Novel Risk Factor for Arrhythmia Recurrence. PLoS ONE, 2013, 8, e76776.	2.5	47
38	Patients' Attitudes and Experiences of Disease-Modifying Antirheumatic Drugs in Rheumatoid Arthritis and Spondyloarthritis: A Qualitative Synthesis. Arthritis Care and Research, 2018, 70, 525-532.	3.4	40
39	Aspirin for the prevention of cognitive decline in the elderly: rationale and design of a neuro-vascular imaging study (ENVIS-ion). BMC Neurology, 2012, 12, 3.	1.8	36
40	Heterogeneity of Human Neutrophil CD177 Expression Results from CD177P1 Pseudogene Conversion. PLoS Genetics, 2016, 12, e1006067.	3.5	36
41	Comparison of Usefulness of Tissue Doppler Imaging Versus Brain Natriuretic Peptide for Differentiation of Constrictive Pericardial Disease from Restrictive Cardiomyopathy. American Journal of Cardiology, 2008, 102, 357-362.	1.6	34
42	Longitudinal Studies of Cardiac Troponin I in a Large Cohort of Healthy Children. Clinical Chemistry, 2012, 58, 1665-1672.	3.2	33
43	Rationale and design of a randomized controlled trial of pneumococcal polysaccharide vaccine for prevention of cardiovascular events: The Australian Study for the Prevention through Immunization of Cardiovascular Events (AUSPICE). American Heart Journal, 2016, 177, 58-65.	2.7	33
44	Statistical considerations for determining high-sensitivity cardiac troponin reference intervals. Clinical Biochemistry, 2017, 50, 502-505.	1.9	32
45	National Heart Foundation of Australia and Cardiac Society of Australia and New Zealand: Australian clinical guidelines for the management of heart failure 2018. Medical Journal of Australia, 2018, 209, 363-369.	1.7	31
46	Central Hemodynamics Could Explain the Inverse Association Between Height and Cardiovascular Mortality. American Journal of Hypertension, 2014, 27, 392-400.	2.0	30
47	Recruiting general practice patients for large clinical trials: lessons from the Aspirin in Reducing Events in the Elderly ( ASPREE ) study. Medical Journal of Australia, 2019, 210, 168-173.	1.7	28
48	Blood Pressure Variability and Prediction of Target Organ Damage in Patients With Uncomplicated Hypertension. American Journal of Hypertension, 2016, 29, 1046-1054.	2.0	25
49	Associations between Type 2 Diabetes Mellitus and Arterial Stiffness: A Prospective Analysis Based on the Maine-Syracuse Study. Pulse, 2017, 5, 88-98.	1.9	23
50	Effects of Changes in Adiposity and Physical Activity on Preadolescent Insulin Resistance: The Australian LOOK Longitudinal Study. PLoS ONE, 2012, 7, e47438.	2.5	22
51	Physical Education Can Improve Insulin Resistance. Medicine and Science in Sports and Exercise, 2013, 45, 1956-1964.	0.4	21
52	Blood Pressure, Brain Structure, and Cognition: Opposite Associations in Men and Women. American Journal of Hypertension, 2015, 28, 225-231.	2.0	21
53	Automatic white matter lesion segmentation using contrast enhanced FLAIR intensity and Markov Random Field. Computerized Medical Imaging and Graphics, 2015, 45, 102-111.	5.8	21
54	Comparison of Central Blood Pressure Estimated by a Cuff-Based Device With Radial Tonometry. American Journal of Hypertension, 2016, 29, 1173-1178.	2.0	21

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55	Navigating the fine line between benefit and risk in chronic atrial fibrillation: Rationale and design of the Standard versus Atrial Fibrillation spEcific managemenT studY (SAFETY). International Journal of Cardiology, 2013, 166, 359-365.	1.7	20
56	Cortical Thinning at Midlife: The PATH Through Life Study. Brain Topography, 2016, 29, 875-884.	1.8	20
57	Medically actionable pathogenic variants in a population of 13,131 healthy elderly individuals. Genetics in Medicine, 2020, 22, 1883-1886.	2.4	20
58	Categorising major cardiovascular disease hospitalisations from routinely collected data. Public Health Research and Practice, 2015, 25, e2531532.	1.5	20
59	Age-related differences in hs-cTnI concentration in healthy adults. Clinical Biochemistry, 2019, 69, 26-29.	1.9	19
60	Subgroup analysis of the ASPIrin in Reducing Events in the Elderly randomized clinical trial suggests aspirin did not improve outcomes in older adults with chronic kidney disease. Kidney International, 2021, 99, 466-474.	5.2	18
61	Tissue Doppler Image-Derived Measurements During Isovolumic Contraction Predict Exercise Capacity in Patients With Reduced Left Ventricular Ejection Fraction. JACC: Cardiovascular Imaging, 2010, 3, 1-9.	5.3	17
62	Machine Learning of ECG Waveforms toÂImprove Selection for Testing forÂAsymptomatic Left VentricularÂDysfunction. JACC: Cardiovascular Imaging, 2021, 14, 1904-1915.	5.3	17
63	Choice of Statistical Tools for Outlier Removal Causes Substantial Changes in Analyte Reference Intervals in Healthy Populations. Clinical Chemistry, 2020, 66, 1558-1561.	3.2	16
64	The distribution of cardiac troponin I in a population of healthy children: Lessons for adults. Clinica Chimica Acta, 2013, 417, 54-56.	1.1	15
65	Optimal Blood Pressure Keeps Our Brains Younger. Frontiers in Aging Neuroscience, 2021, 13, 694982.	3.4	15
66	Increasing Body Mass Index at Midlife is Associated with Increased Cortical Thinning in Alzheimerâ€™s Disease-Vulnerable Regions. Journal of Alzheimer's Disease, 2017, 59, 113-120.	2.6	14
67	Rationale and design of a randomized study to determine the value of central Blood Pressure for GUIDing managEmenT of hypertension: The BP GUIDE study. American Heart Journal, 2012, 163, 761-767.	2.7	13
68	Depression, stress and vascular function from childhood to adolescence: A longitudinal investigation. General Hospital Psychiatry, 2020, 62, 6-12.	2.4	13
69	Symptoms of stress and depression effect percentage of body fat and insulin resistance in healthy youth: LOOK longitudinal study.. Health Psychology, 2017, 36, 749-759.	1.6	12
70	The Study of Neurocognitive Outcomes, Radiological and Retinal Effects of Aspirin in Sleep Apnoea-rationale and methodology of the SNORE-ASA study. Contemporary Clinical Trials, 2018, 64, 101-111.	1.8	12
71	Evaluating recruitment strategies for <scp>AUSPICE</scp> , a large Australian communityâ€based randomised controlled trial. Medical Journal of Australia, 2019, 210, 409-415.	1.7	12
72	Efficacy of a trivalent influenza vaccine against seasonal strains and against 2009 pandemic H1N1: A randomized, placebo-controlled trial. Vaccine, 2016, 34, 4991-4997.	3.8	11

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73	Age-related macular degeneration in a randomized controlled trial of low-dose aspirin: Rationale and study design of the ASPREE-AMD study. Contemporary Clinical Trials Communications, 2017, 6, 105-114.	1.1	11
74	Relation of Habitual Chocolate Consumption to Arterial Stiffness in a Community-Based Sample: Preliminary Findings. Pulse, 2016, 4, 28-37.	1.9	10
75	Regional Brain Volumes and ADHD Symptoms in Middle-Aged Adults: The PATH Through Life Study. Journal of Attention Disorders, 2017, 21, 1073-1086.	2.6	10
76	Baseline characteristics and age-related macular degeneration in participants of the "ASpirin in Reducing Events in the Elderly" (ASPREE)-AMD trial. Contemporary Clinical Trials Communications, 2020, 20, 100667.	1.1	10
77	Guiding Hypertension Management Using Central Blood Pressure: Effect of Medication Withdrawal on Left Ventricular Function. American Journal of Hypertension, 2016, 29, 319-325.	2.0	8
78	Targeted LOWERing of Central Blood Pressure in patients with hypertension: Baseline recruitment, rationale and design of a randomized controlled trial (The LOW CBP study). Contemporary Clinical Trials, 2017, 62, 37-42.	1.8	8
79	Out-of-office and central blood pressure for risk stratification: a cross-sectional study in patients treated for hypertension. European Journal of Clinical Investigation, 2012, 42, 393-401.	3.4	7
80	Using a thyroid disease-free population to define the reference interval for TSH and free T4 on the Abbott Architect analyser. Clinical Endocrinology, 2017, 86, 108-112.	2.4	7
81	Longitudinal trajectories of hippocampal volume in middle to older age community dwelling individuals. Neurobiology of Aging, 2021, 97, 97-105.	3.1	7
82	Generation of cardio-protective antibodies after pneumococcal polysaccharide vaccine: Early results from a randomised controlled trial. Atherosclerosis, 2022, 346, 68-74.	0.8	7
83	Sleep-disordered breathing was associated with lower health-related quality of life and cognitive function in a cross-sectional study of older adults. Respiriology, 2022, 27, 767-775.	2.3	7
84	Effects of Higher Normal Blood Pressure on Brain Are Detectable before Middle-Age and Differ by Sex. Journal of Clinical Medicine, 2022, 11, 3127.	2.4	7
85	Transient troponin elevations in the blood of healthy young children. Clinica Chimica Acta, 2012, 413, 702-706.	1.1	6
86	Variation in cardiovascular disease care: an Australian cohort study on sex differences in receipt of coronary procedures. BMJ Open, 2019, 9, e026507.	1.9	6
87	Tropheryma Whipplei endocarditis: Case report and literature review. Heart Views, 2018, 19, 150.	0.2	6
88	Do self-reported stress and depressive symptoms effect endothelial function in healthy youth? The LOOK longitudinal study. PLoS ONE, 2018, 13, e0196137.	2.5	5
89	Factors Associated With Treatment and Control of Hypertension in a Healthy Elderly Population Free of Cardiovascular Disease: A Cross-sectional Study. American Journal of Hypertension, 2020, 33, 350-361.	2.0	5
90	Computerized tomography image correlation of His bundle/deep septal pacing location and outcomes: an analysis from the Canberra His bundle/deep septal Pacing Study (CHIPS). Journal of Interventional Cardiac Electrophysiology, 2022, 64, 137-148.	1.3	5

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91	Association of traditional risk factors with carotid intima-media thickness and carotid plaque in asymptomatic individuals with a family history of premature cardiovascular disease. International Journal of Cardiovascular Imaging, 2022, 38, 739-749.	1.5	4
92	Automated Segmentation of White Matter Lesions Using Global Neighbourhood Given Contrast Feature-Based Random Forest and Markov Random Field. , 2014, , .		3
93	Impact of the 2017 American Heart Association and American College of Cardiology hypertension guideline in aged individuals. Journal of Hypertension, 2020, 38, 2527-2536.	0.5	3
94	Clinical and cardiac structural predictors of atrial fibrillation persistence. European Journal of Clinical Investigation, 2021, 51, e13395.	3.4	2
95	Harmonising Reference Intervals for Three Calculated Parameters used in Clinical Chemistry. Clinical Biochemist Reviews, 2016, 37, 105-111.	3.3	2
96	Echocardiography for the “Superior Doctor”. JACC: Cardiovascular Imaging, 2012, 5, 141-143.	5.3	1
97	Trigeminal quadrigeminy. Heart and Lung: Journal of Acute and Critical Care, 1999, 28, 222-223.	1.6	0
98	Response to Exercise Generates Lactate and Fluid Intake: Effects on Mitochondrial Function in Heart and Vascular Smooth Muscle. Hypertension, 2009, 54, .	2.7	0
99	Cardiac resynchronization with His-CRT in a patient with severe heart failure and Scimitar syndrome. PACE - Pacing and Clinical Electrophysiology, 2021, 44, 955-959.	1.2	0
100	Childhood Stress, Emotional Distress, and Cardiovascular Function in Adolescents. , 2016, , 213-227.		0